

Listing of Claims:

1. - 34. (Cancelled)

35. (Currently amended) A homogeneous liquid adjuvant for use with a chemical used in agriculture comprising:

from 15 to 35% by weight of one or more mineral oils;

from 5 to 25% by weight of one or more ammonium salts of inorganic anions selected from ammonium sulfate, ammonium phosphate and mixtures thereof; and

from 1 to 10% of one or more cationic emulsifiers selected from ~~dimethylecocoamine, dimethylaurylamine oxide, alkyltrimethyl-ammonium chloride, alkyl dimethylbenzylammonium chloride, alkylpyridium chloride, alkylimidazolium chloride, or the group consisting of fatty quaternary ammonium chlorides, fatty amine oxides, fatty alkyl dimethylamine salts of simple organic acids and~~ mixtures thereof;

wherein the cationic emulsifier acts as a coupling agent between the mineral oils and the ammonium salts to form a homogeneous liquid composition.

36. (Currently amended) A homogeneous liquid adjuvant for use with a chemical used in agriculture comprising:

from 15 to 35% by weight of one or more mineral oils;

from 5 to 25% by weight of one or more ammonium salts of inorganic anions selected from ammonium sulfate, ammonium phosphate and mixtures thereof;

from 1 to 10% of one or more cationic emulsifiers selected from ~~dimethylecocoamine, dimethylaurylamine oxide, alkyltrimethyl-ammonium chloride, alkyl dimethylbenzylammonium chloride, alkylpyridium chloride, alkylimidazolium chloride, or the group consisting of fatty quaternary ammonium chlorides, fatty amine oxides, fatty alkyl dimethylamine salts of simple organic acids and~~ mixtures thereof; and

from 1 to 30% of one or more other components to improve the form of the composition;
wherein the cationic emulsifier acts as a coupling agent between the mineral oils and the ammonium salts to form a homogeneous liquid composition.

37. (Currently amended) A homogeneous liquid adjuvant for use with a chemical used in agriculture comprising:

from 15 to 35% by weight of one or more mineral oils;

from 5 to 25% by weight of one or more ammonium salts of inorganic anions selected from ammonium sulfate, ammonium phosphate and mixtures thereof;

from 1 to 10% of one or more cationic emulsifiers selected from ~~dimethylecocoamine, dimethylaurylamine oxide, alkyltrimethyl-ammonium chloride, alkyl dimethylbenzylammonium chloride, alkylpyridium chloride, alkylimidazolium chloride, or the group consisting of fatty quaternary ammonium chlorides, fatty amine oxides, fatty alkyldimethylamine salts of simple organic acids and~~ mixtures thereof; and

from 1 to 30% of one or more other components to improve the form of the composition selected from nonionic emulsifiers, co-solvents and mixtures thereof;

wherein the cationic emulsifier acts as a coupling agent between the mineral oils and the ammonium salts to form a homogeneous liquid composition.

38. (Currently amended) A homogeneous liquid adjuvant for use with a chemical used in agriculture comprising:

from 15 to 35% by weight of one or more mineral oils;

from 5 to 25% by weight of one or more ammonium salts of inorganic anions selected from ammonium sulfate, ammonium phosphate and mixtures thereof;

from 1 to 10% of one or more cationic emulsifiers selected from ~~dimethylcocoamine, dimethylaurylamine oxide, alkyltrimethyl-ammonium chloride, alkyl dimethylbenzylammonium chloride, alkylpyridium chloride, alkylimidazolium chloride, or the group consisting of fatty quaternary ammonium chlorides, fatty amine oxides, fatty alkyldimethylamine salts of simple organic acids and~~ mixtures thereof; and

from 1 to 30% of one or more other components to improve the form of the composition selected from alkyl polysaccharides, sorbate emulsifiers, fatty alkanolamides, glycols and mixtures thereof;

wherein the cationic emulsifier acts as a coupling agent between the mineral oils and the ammonium salts to form a homogeneous liquid composition.

39. - 41. (Cancelled)

42. (Previously presented) A homogeneous liquid adjuvant for use with a chemical used in agriculture comprising:

from 15 to 35% by weight of one or more alkyl esters of fatty acids;

from 5 to 25% by weight of one or more ammonium salts of inorganic anions selected from ammonium sulfate, ammonium phosphate and mixtures thereof; and

from 1 to 10% of a mixture of two or more cationic emulsifiers selected from the group consisting of fatty quaternary ammonium chlorides, fatty amine oxides, fatty alkyldimethylamine salts of simple organic acids and mixtures thereof;

wherein the cationic emulsifier acts as a coupling agent between the alkyl esters of fatty acids and the ammonium salts to form a homogeneous liquid composition.

43. (Previously presented) A homogeneous liquid adjuvant for use with a chemical used in agriculture comprising:

from 15 to 35% by weight of one or more alkyl esters of fatty acids;

from 5 to 25% by weight of one or more ammonium salts of inorganic anions selected from ammonium sulfate, ammonium phosphate and mixtures thereof;

from 1 to 10% of a mixture of two or more cationic emulsifiers selected from the group consisting of fatty quaternary ammonium chlorides, fatty amine oxides, fatty alkyldimethylamine salts of simple organic acids and mixtures thereof; and

from 1 to 30% of one or more other components to improve the form of the composition;

wherein the cationic emulsifier acts as a coupling agent between the alkyl esters of fatty acids and the ammonium salts to form a homogeneous liquid composition.

44. (Previously presented) A homogeneous liquid adjuvant for use with a chemical used in agriculture comprising:

from 15 to 35% by weight of one or more alkyl esters of fatty acids;

from 5 to 25% by weight of one or more ammonium salts of inorganic anions selected from ammonium sulfate, ammonium phosphate and mixtures thereof;

from 1 to 10% of a mixture of two or more cationic emulsifiers selected from the group consisting of fatty quaternary ammonium chlorides, fatty amine oxides, fatty alkyldimethylamine salts of simple organic acids and mixtures thereof; and

from 1 to 30% of one or more other components to improve the form of the composition selected from nonionic emulsifiers, co-solvents and mixtures thereof;

wherein the cationic emulsifier acts as a coupling agent between the alkyl esters of fatty acids and the ammonium salts to form a homogeneous liquid composition.

45. (Previously presented) A homogeneous liquid adjuvant for use with a chemical used in agriculture comprising:

from 15 to 35% by weight of one or more alkyl esters of fatty acids;

from 5 to 25% by weight of one or more ammonium salts of inorganic anions selected from ammonium sulfate, ammonium phosphate and mixtures thereof;

from 1 to 10% of a mixture of two or more cationic emulsifiers selected from the group consisting of fatty quaternary ammonium chlorides, fatty amine oxides, fatty alkyldimethylamine salts of simple organic acids and mixtures thereof; and

from 1 to 30% of one or more other components to improve the form of the composition selected from alkyl polysaccharides, sorbate emulsifiers, fatty alkanolamides, glycols and mixtures thereof;

wherein the cationic emulsifier acts as a coupling agent between the alkyl esters of fatty acids and the ammonium salts to form a homogeneous liquid composition.

46. (Cancelled)